

WHAT IS CLAIMED IS:

1. An isolated nucleic acid molecule comprising at least 22 contiguous bases of nucleotide sequence first disclosed  
5 in the NGPCR polynucleotide described in SEQ ID NO: 43.

2. An isolated nucleic acid molecule comprising a nucleotide sequence that:

10 (a) encodes the amino acid sequence shown in SEQ ID NO: 44; and  
(b) hybridizes under stringent conditions to the nucleotide sequence of SEQ ID NO: 43 or the complement thereof.

15 3. An isolated nucleic acid molecule comprising a nucleotide sequence that encodes the amino acid sequence shown in SEQ ID NO: 44.

20 4. An isolated nucleic acid molecule comprising a nucleotide sequence that encodes the amino acid sequence shown in SEQ ID NO:4.

25 5. An isolated nucleic acid molecule comprising a nucleotide sequence that encodes the amino acid sequence shown in SEQ ID NO:34.